Starkstromkabel 18/30 kV
Power Cables 18/30 kV

N2XS(F)2Y



Application

For laying indoors, in cable ducts, outdoors, in ground and water, as well for laying on racks for industrial and switching systems and power stations. The resistant PE sheath can be subject to heavy mechanical loads during installation and operation.

Standards

DIN VDE 0276 part 620

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	stranded copper conductor acc. to DIN VDE 0295 Kl.2 / BS 6360 cl.2 / IEC 60228 cl.2
Core Insulation	conductor screen of semi-conducting compound - XLPE insulation - core screen of semi-conducting compound - semi-conducting swellable tape
Inner Sheath Material	separating tape
Overall Shielding	concentric conductors (copper wires) with copper tape for fixing
Outer Insulation Material	Polyethylene (PE), black

Technical Data

Nominal Voltage	U_0/U: 18 /30 kV
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	63 kV
Bending Radius fixed (xD)	15
Operating Temperature solid	-20 °C bis 90 °C
Operating Temperature moving	-20 °C bis 90 °C
Short Circuit Temperature	250 °C
Short Circuit Duration	5 sek.

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Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.	Power Load Earth (A) Power Load Earth (A)	Power Load Air (A) Power Load Air (A)
01803003	1 x 50 rm/16	black - black	1.520,0	35,0	225	241
01803004	1 x 70 rm/16	black - black	1.790,0	36,0	274	299
01803001	1 x 95 rm/16	black - black	1.900,0	37,0	327	363
01803005	1 x 120 rm/16	black - black	2.360,0	39,0	371	418
01803002	1 x 150 rm/25	black - black	2.460,0	40,0	414	472
01803006	1 x 185 rm/25	black - black	3.170,0	42,0	466	539
01803007	1 x 240 rm/25	black - black	3.860,0	44,0	539	635
01803008	1 x 300 rm/25	black - black	4.490,0	47,0	606	725
01803009	1 x 400 rm/35	black - black	5.580,0	50,0	680	831
01803010	1 x 500 rm/35	black - black	6.600,0	53,0	765	953
01803011	1 x 630 rm/35	black - black	7.980,0	58,0	841	1094

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